

Figure 1

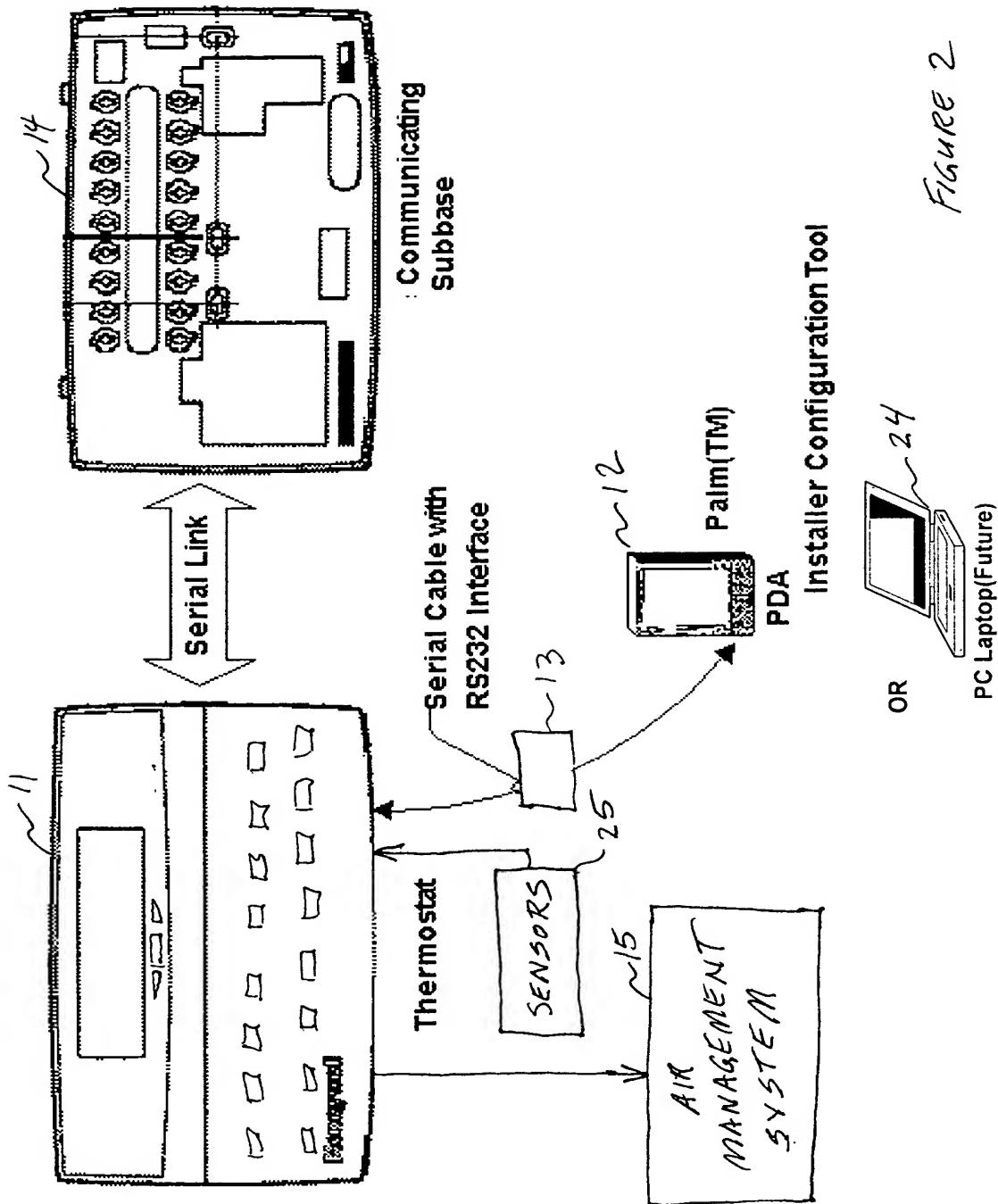


Figure 2

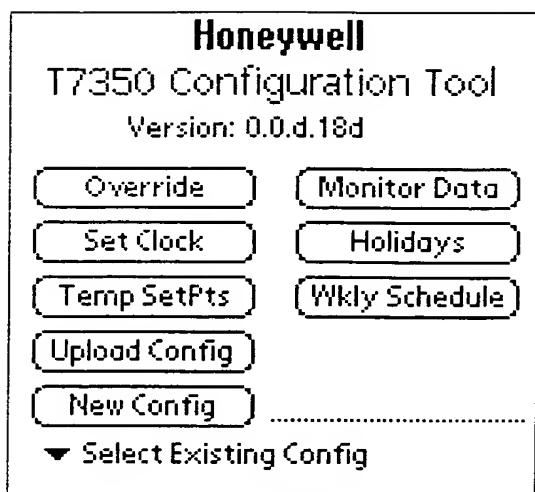


FIGURE 3a

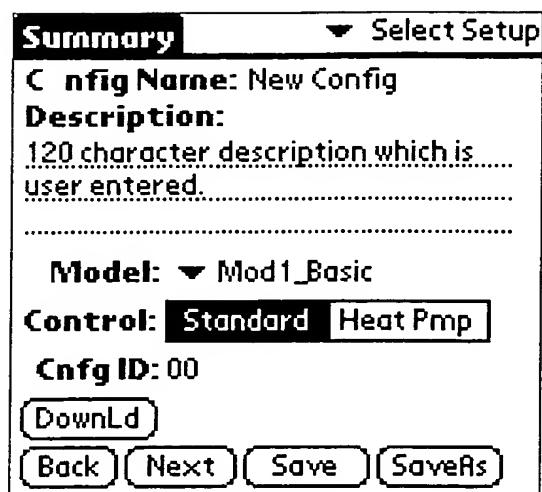


FIGURE 3b

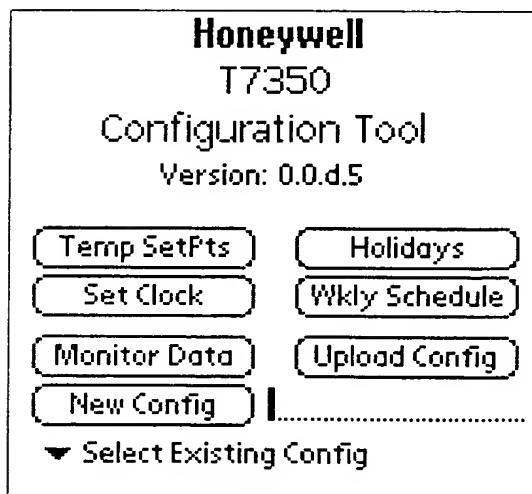


FIGURE 4a

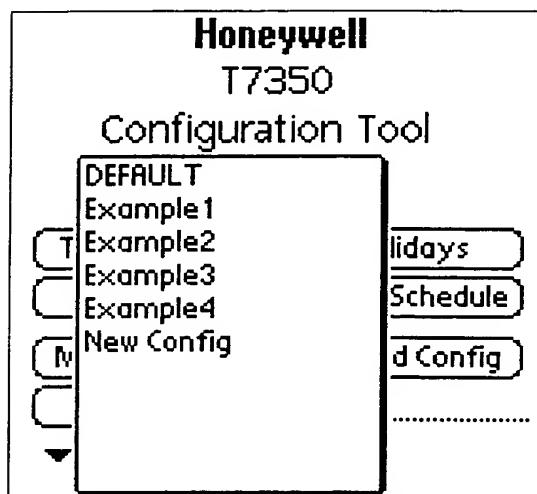


FIGURE 4b

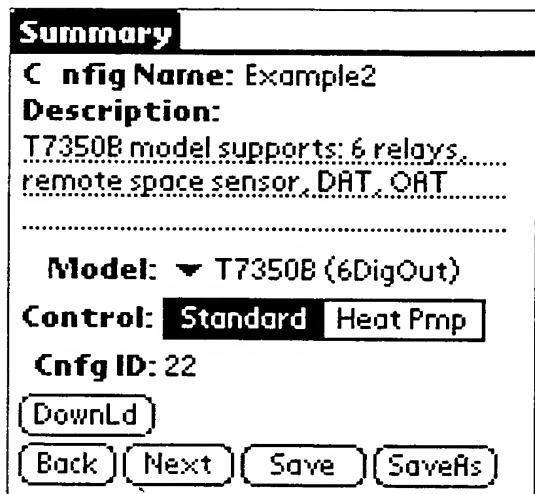


FIGURE 4c

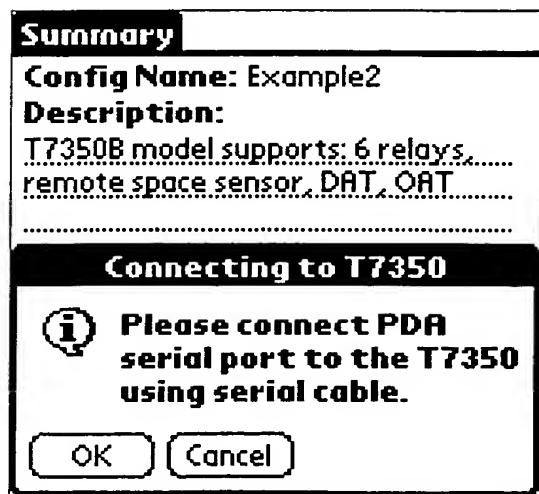


FIGURE 4d

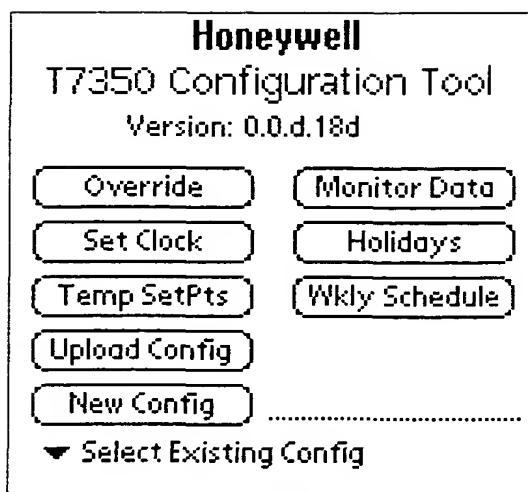


FIGURE 5a

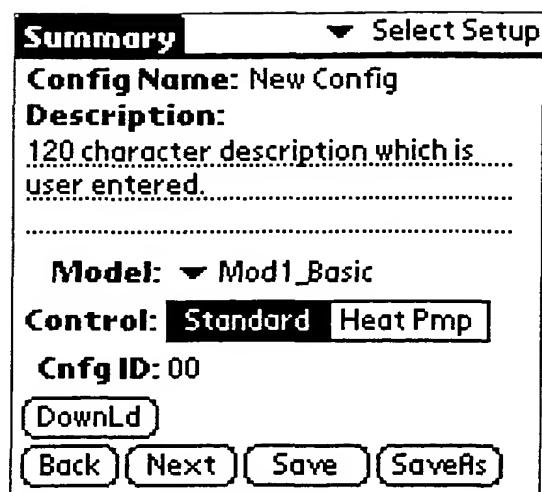


FIGURE 5b

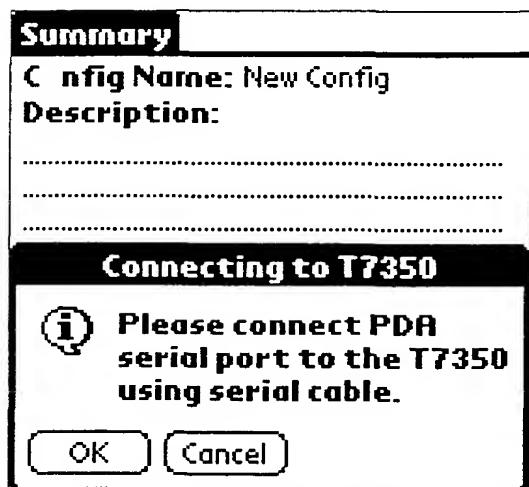


FIGURE 5c

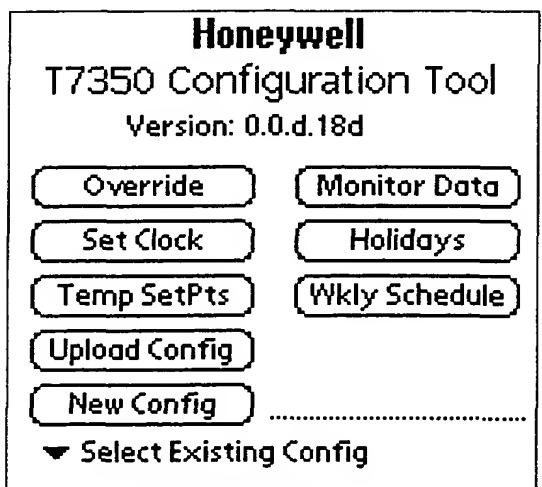


FIGURE 6a

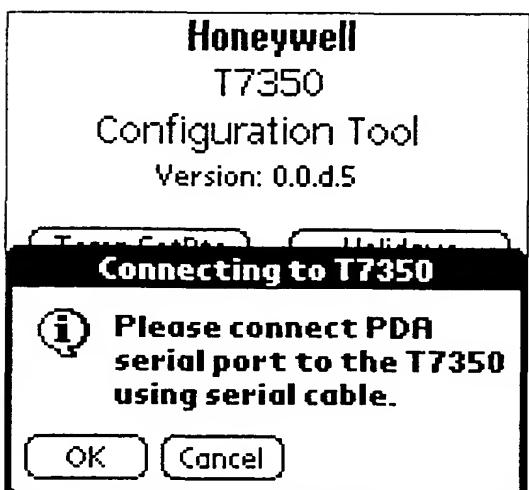


FIGURE 6b

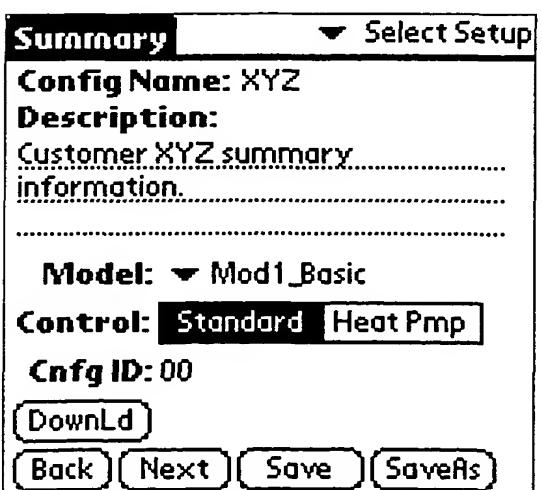


FIGURE 6c

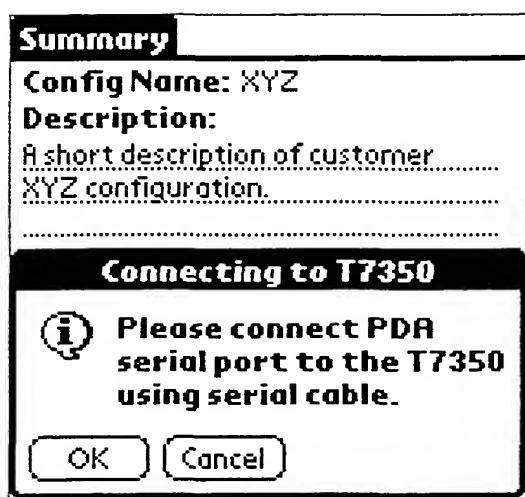


FIGURE 6d

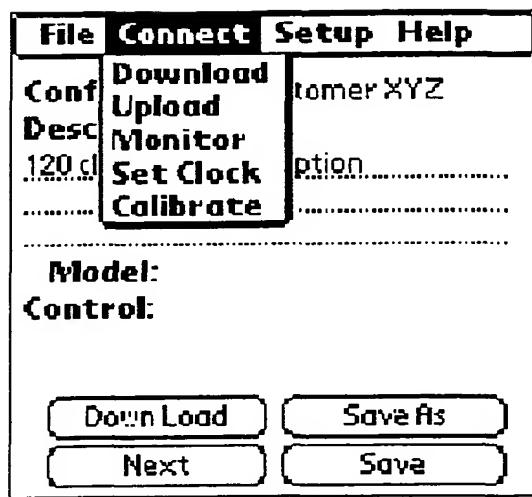


FIGURE 7a

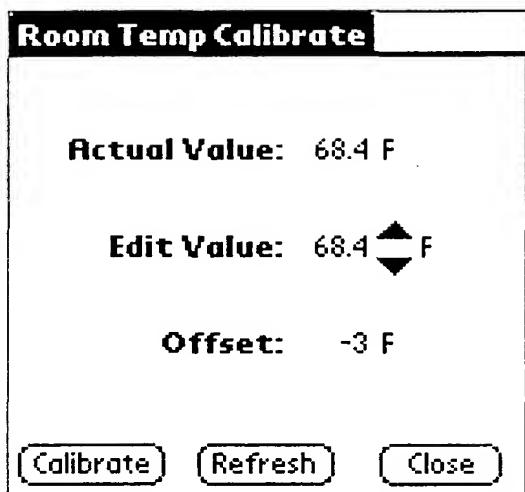


Figure 7b

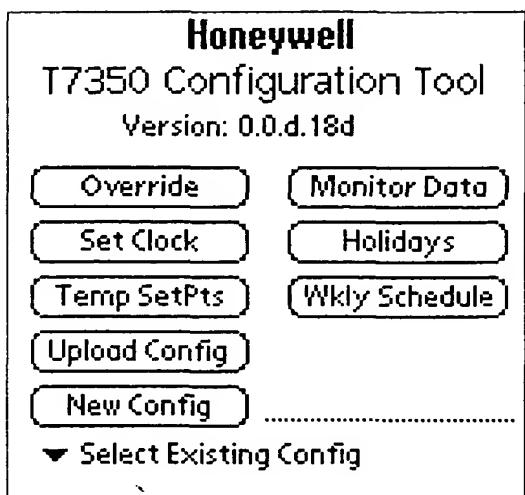


FIGURE 8a

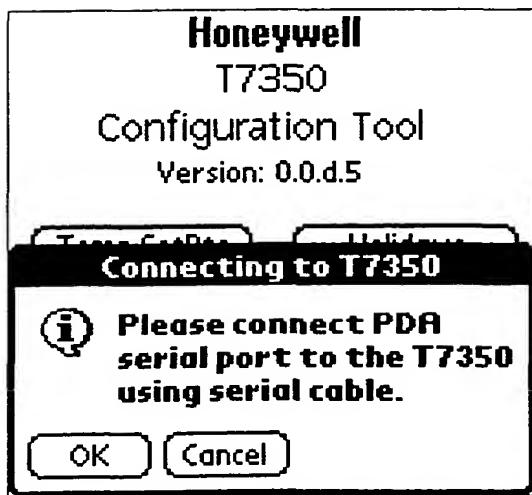


FIGURE 8b

Summary

Config Name: U04/09/03 11:05

Description:
Upload: 04/09/2003, 11:05 am
FrmwrV: 0.0.14, ComV: 1002
rePrgrV: 1, SubBaseID: 3

Model: ▼ T7350D,3H3C,RH

Control: Standard Heat Pmp

CnfgID:

DownLd

Back **Next** **Save** **SaveAs**

FIGURE 8c

Honeywell
T7350 Configuration Tool
Version: 0.0.d.18d

Override **Monitor Data**

Set Clock **Holidays**

Temp SetPts **Wkly Schedule**

Upload Config

New Config

▼ Select Existing Config

FIGURE 8d

Monitor Data

SubBaseID: T7350D,3H3C,RH
FirmwareVersion: 0.0.19
=====

RoomTemperature: 79.2 F
EffectiveSetPoint: 75.0 F
=====

RoomRH: 31 %
Dehumidification: Off
=====

DischargeAirTemp: 70.3 F

Update **Close**

Figure 8e

Summary

Config Name: Example3

Description:
T7350C SmartStat supports: 6
Relays, remote space sensor, DAT,
ORT, RH, Occ sensor

Model: ▼ T7350C (6DigOut+RH)

Control: Standard Heat Pmp

Cnfg ID: 23

DownLd

Back **Next** **Save** **SaveAs**

Figure 9a

Inputs

RoomTemp: Local Remote
Rmt+StPt

Room Rel Hurnidity: Local Remote
None

Occ Sensor: None Remote

Discharge AirTemp: None Remote

Outdoor AirTemp: None Remote

Back **Next**

FIGURE 9b

Outputs

AuxDO: Time of Day
Economizer
Dehumid Hot Gas BP
Simple Dehumid

Back **Next**

FIGURE 9c

Cooling Config

Stages:	0	1	2	3
Cooling Response:	Std 3 cph			
Response:	Fast 4 cph			

Enable OAT Lockout
OAT SetPt 35

Enable DAT Low Limit
DAT SetPt 45

Back **Next**

FIGURE 9d

Heating Config

Stages:	0	1	2	3
Heating Response:	Std 3cph	Med 6cph		
Response:	Fast 9cph	Fast!!20cph		

Enable OAT Lockout
OAT SetPt 70

Enable DAT High Limit
DAT SetPt 110

Back **Next**

FIGURE 9e

Fan

FanSwitch:	On	Auto
FanOperation:	Conventional	
	Electric Heat	
Heat:	No Extended Op	
	Extend 90 sec	
Cool:	No Extended Op	
	Extend 90 sec	

Back **Next**

FIGURE 9f

Weekly Schedule

▼ Select New Schedule

SaveAs	Delete	Modify
MON 08:00 am OCC		
---- 10:00 pm UNOCC		
TUE 08:00 am OCC		
---- 10:00 pm UNOCC		
WED 08:00 am OCC		
---- 10:00 pm UNOCC		
THU 08:00 am OCC		

Back **Next** **DownLoad**

FIGURE 9g

Modify Schedule

Day:	▼ Monday	
Event#	-- Mode --	-- Time --
1	▼ Occupied	08:00 am
2	▼ Unoccupied	10:00 pm
3	▼ None	12:00 am
4	▼ None	12:00 am
CopyDayTo		<input type="checkbox"/> Sun <input type="checkbox"/> Sat <input type="checkbox"/> Hol
<input type="checkbox"/> M <input type="checkbox"/> T <input type="checkbox"/> W <input type="checkbox"/> T <input type="checkbox"/> F		
OK		

FIGURE 9h

SetPoints

	Heating	Cooling
Occupied	70	75
Standby	67	78
UnOcc	55	85
Occupied SetPt Stops	55	85
TempOverride:	▼ 3	Hrs

Back **Next** **DownLoad**

FIGURE 9i

Summary
C nfig Name: ExampleModelD
Description: T7350D model supports: 6 Relays,.... remote space sensor, DAT, OAT,.... RH, Occ sensor.]
Model: ▼ T7350D,3H3C,RH
Control: Standard Heat Pmp
CnfgID
Back Next Save DownLd SaveAs

FIGURE 9j

Summary			
Config Name: ExampleModelID			
Description:	T7350D model supports: 6 Relays, remote space sensor, DAT, ORT, RH, Occupancy sensor.		
Model:	T7350D,3H3C,RH		
Control:	Standard <input checked="" type="checkbox"/> Heat Pmp <input type="checkbox"/>		
CnfgID	<input type="button" value="DownLd"/>		
<input type="button" value="Back"/>	<input type="button" value="Next"/>	<input type="button" value="Save"/>	<input type="button" value="SaveAs"/>

FIGURE 10a

FIGURE 10b

File	Com	Set	Sched	Opt
Config Name: E>		Wkly Sched		
Description:		Recovery		
T7350D model sup.		Holiday		
remote space sens.		DayLightSav		
.....				
Model: ▼ T7350D,3H3C,RH				
Control: Standard Heat Pmp				
CnfgID				
DownLd				
Back	Next	Save	SaveAs	

FIGURE 10c

Display			
Units:	F	C	
Rm Temp:	Display	NoDisplay	
Occupied SetPoint Stops			
Min 55	▲ F	Max 85	▲ F
Clock:	AM/PM	24 hr	
Key Pad:	▼	Enable/Off	
SysSwitch:	▼	OFF	
OK			

FIGURE 10d

Dehumidification	
High Limit:	65
<input type="checkbox"/> Min ON Time ▶ 5 min	
<input type="checkbox"/> Reheat	
<input type="checkbox"/> Reset Temp SetPt 1 ▶ F	
<input type="button" value="OK"/>	
Spin Speed	
<input type="button" value="1X"/>	
<input type="button" value="10X"/>	

FIGURE 10e

Energy Management

Demand Limit

Control Bump: 3 \downarrow F

Power Failure

Seq Start: \downarrow 0 sec

OK

FIGURE 10f

Loop Tuning

Heating	Cooling
TR	7 \uparrow \downarrow F
IT	1650 \uparrow \downarrow sec
DT	0 \uparrow \downarrow sec

Anticipator Authority: 4 \uparrow \downarrow F

Apply To: Htg
Htg&Clg

Spin Speed: 1X 10X 100X

OK

FIGURE 10g

Recovery

Cool	Heat
ORT@Min:	90 \uparrow \downarrow F
Ramp Min:	3 \uparrow \downarrow F/hr
ORT@Max:	70 \uparrow \downarrow F
Ramp Max:	6 \uparrow \downarrow F/hr

LeadTime -Cool- -Heat-
MaxRange 1.8 to 3.5 2.0 to 3.1 hr

OK **LeadTimeInfo**

FIGURE 10h

Day Light Saving

Start Month: \downarrow Apr

Start Day: FirstSun \uparrow

Stop Month: \downarrow Oct

Stop Day: LastSun \uparrow

Spin Speed: 1X 10X

OK

FIGURE 10i

Holiday

Select New Holiday Group

Saves **Delete** **Modify**

New Years Day

Jan 1, Dur:1

Memorial Day

May LastMon, Dur:1

Independence Day

Jul 4, Dur:1

Labor Day

OK **DownLoad**

FIGURE 10j

Modify Holiday

New Years Day

Start Month: \downarrow Jan

Start Day: 1 \uparrow \downarrow

Duration: 1 \uparrow \downarrow Day

Spin Speed: 1X 10X

OK

FIGURE 10k

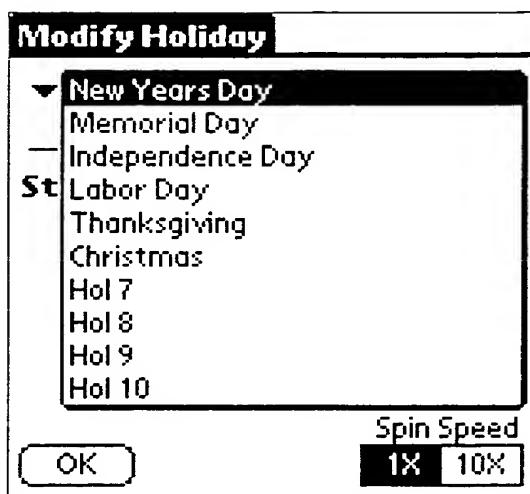


Figure 101

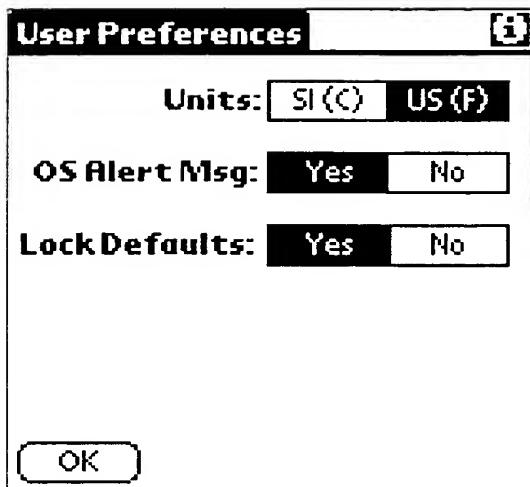


FIGURE 11a

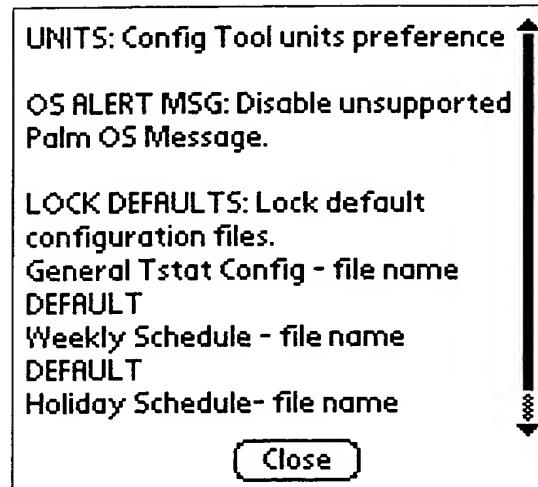


FIGURE 11b

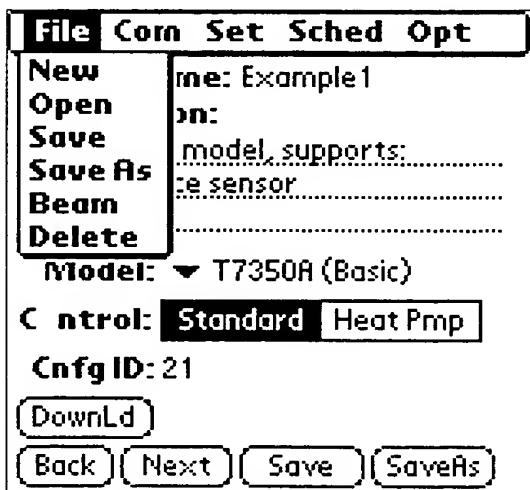


FIGURE 12a

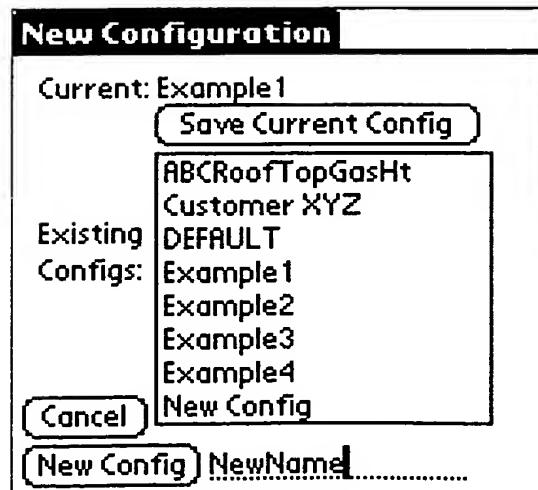


FIGURE 12b

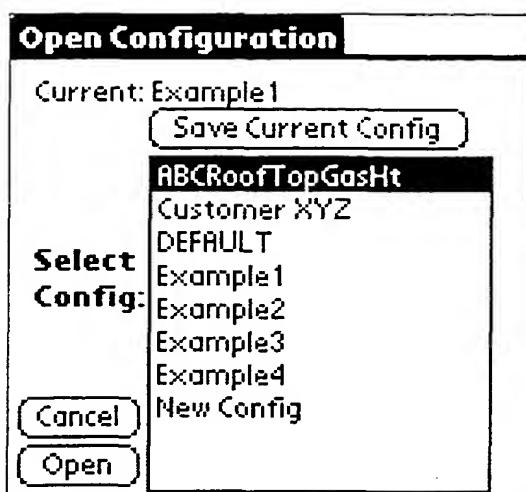


FIGURE 12c

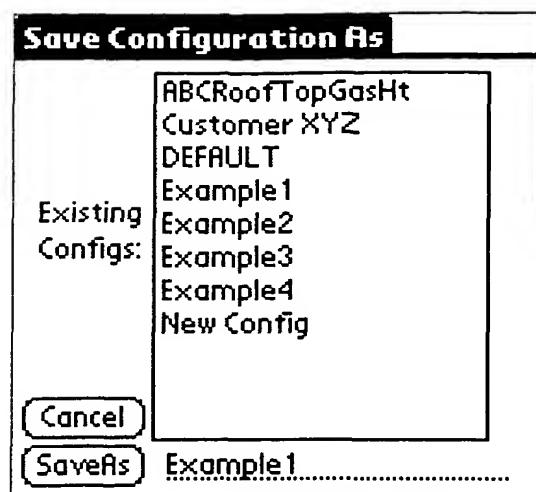


FIGURE 12d

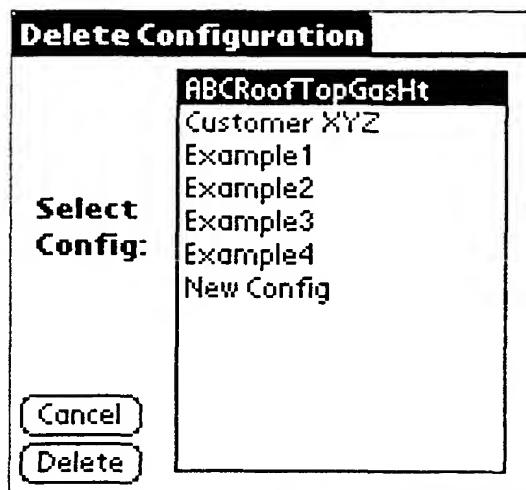


FIGURE 12e

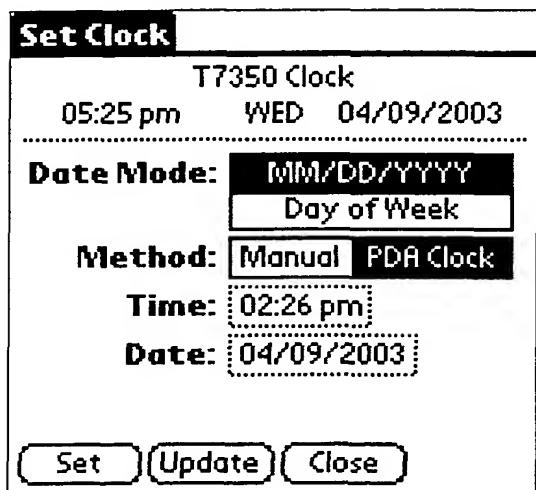


FIGURE 13

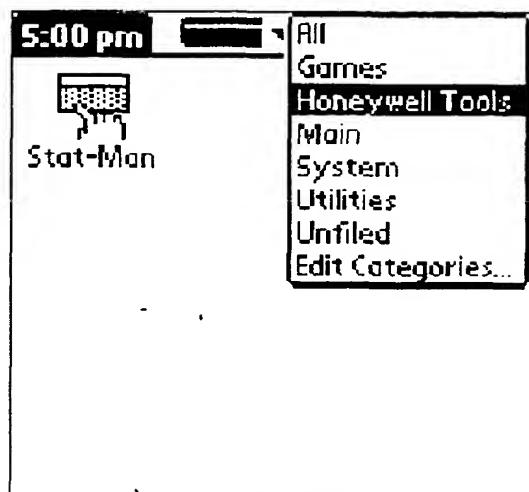


FIGURE 14a

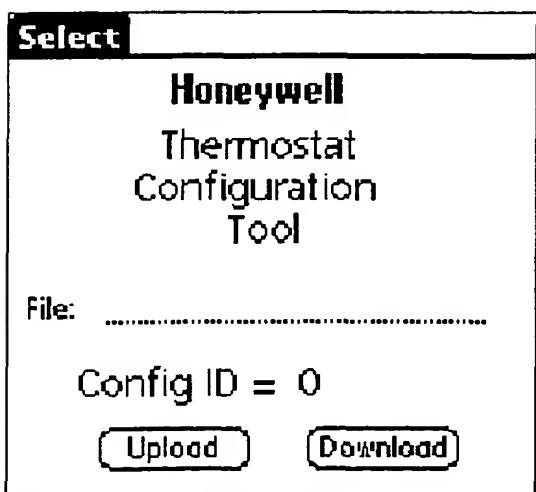


FIGURE 14b

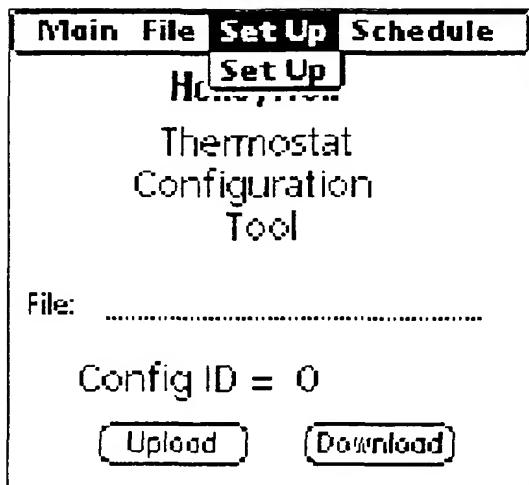


FIGURE 14c

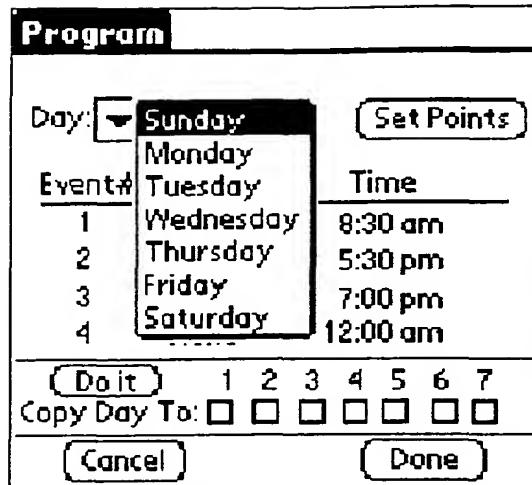


FIGURE 14d

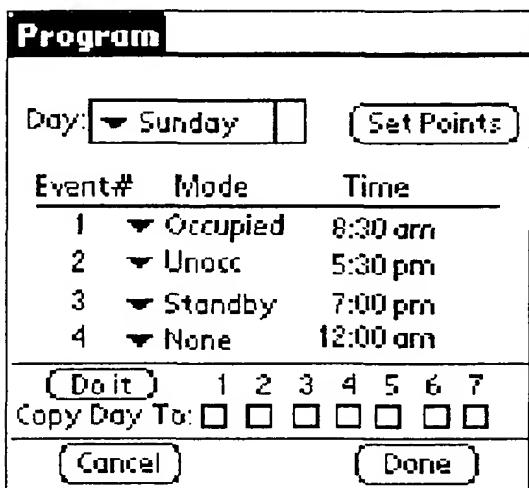


FIGURE 14e

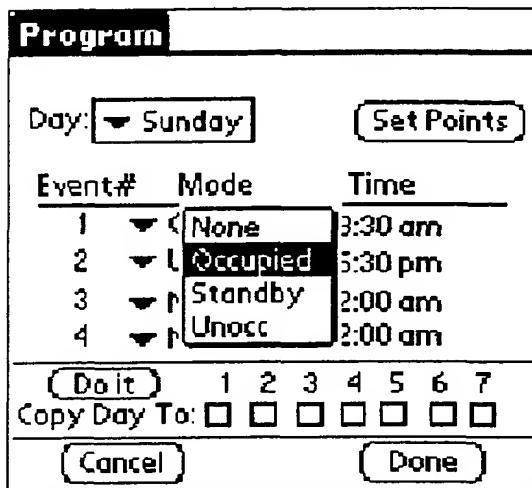


FIGURE 14f

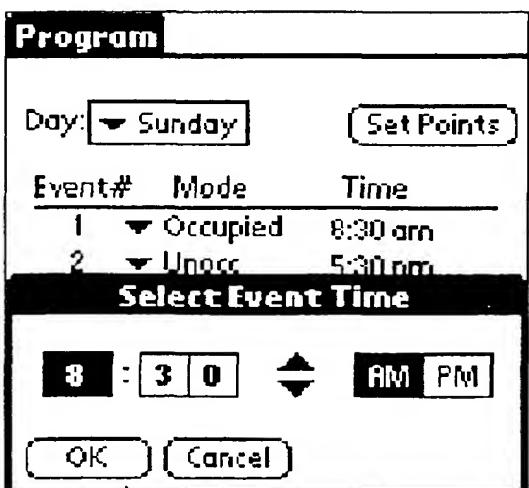


FIGURE 14g

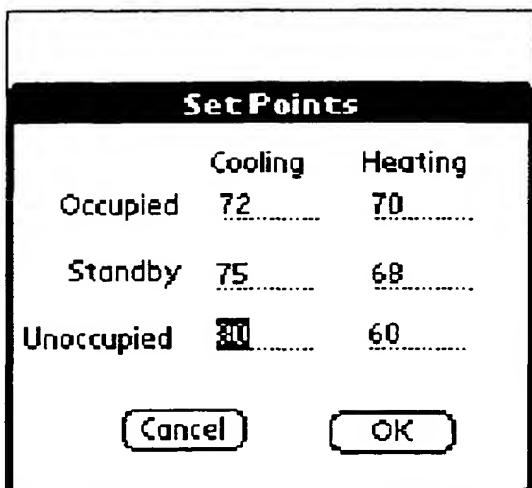


FIGURE 14h

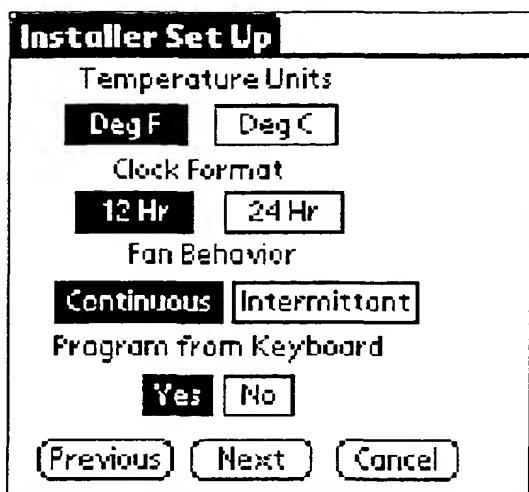


FIGURE 14i

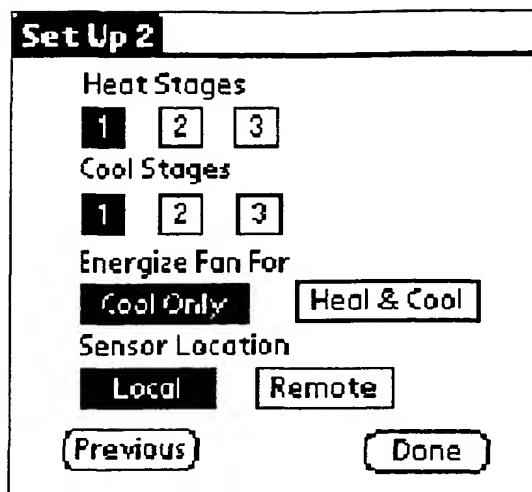


FIGURE 14j



FIGURE 14k

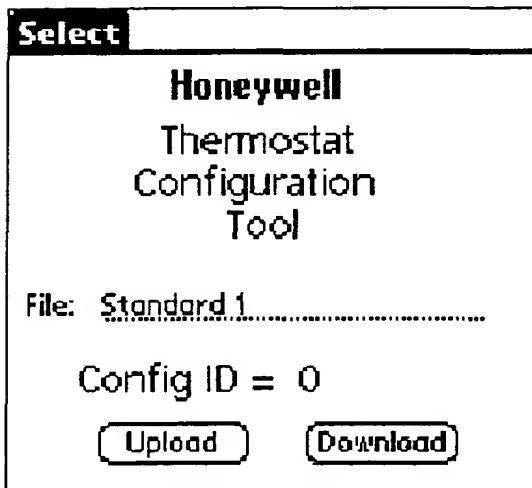


FIGURE 14l

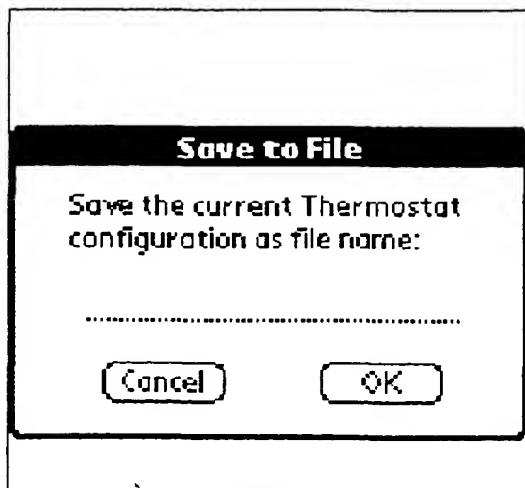


FIGURE 14m

Weekly Schedule

▼ Select New Schedule

SaveAs **Delete** **Modify**

MON 08:00 am OCC
---- 10:00 pm UNOCC

TUE 08:00 am OCC
---- 10:00 pm UNOCC

WED 08:00 am OCC
---- 10:00 pm UNOCC

THU 08:00 am OCC

▼

Back **Next** **DownLoad**

Figure 14n

▼ Select New Holiday Group

SaveAs Delete Modify

New Years Day
Jan 1, Dur:1

Memorial Day
May LastMon, Dur:1

Independence Day
Jul 4, Dur:1

Labor Day

OK DownLoad

Figure 140

SetPoints		Heating	Cooling
Occupied	70	▲ ▼	75 ▲ ▼ F
Standby	67	▲ ▼	78 ▲ ▼ F
UnOcc	55	▲ ▼	85 ▲ ▼ F
Occupied SetPt Stops	55	▲ ▼	85 ▲ ▼ F
TempOverride:	3	Hrs	
Back	Next	DownLoad	

Figure 14p

The screenshot shows a software interface for HVAC control. At the top, there is a menu bar with tabs: 'File', 'Com', 'Set', 'Sched', and 'Opt'. The 'Set' tab is currently active, indicated by a thicker border. Below the menu, there is a list of menu items: 'Config', 'Nar', 'Descriptio', 'T7350D moc', 'remote spac', 'RH...Occ sens', 'Model: -', 'Control: -', 'CnfgID', 'Home', 'Summary', 'Inputs', 'Outputs', 'Cooling', 'Heating', 'Fan', 'SetPoints', 'Display', 'Dehumidification', 'EnergyMgmt', and 'LoopTuning'. At the bottom of the screen, there are four buttons: 'Back', 'Next', 'Save', and 'Save & Exit'.

Figure 14q

The image shows a menu screen for the Honeywell T7350 Configuration Tool. The title 'Honeywell' is at the top in a large, bold, black font. Below it, 'T7350 Configuration Tool' is displayed in a large, black font. Underneath that, 'Version: 0.0.d.18d' is shown in a smaller, black font. The menu consists of several rounded rectangular buttons with black outlines and black text. The buttons are arranged in a grid-like structure. The first row contains 'Override' and 'Monitor Data'. The second row contains 'Set Clock' and 'Holidays'. The third row contains 'Temp SetPts' and 'Wkly Schedule'. The fourth row contains 'Upload Config' and 'New Config'. Below the 'New Config' button is a horizontal dotted line. At the bottom of the screen, there is a dropdown menu with the text '▼ Select Existing Config' and a small downward arrow icon.

Figure 14r

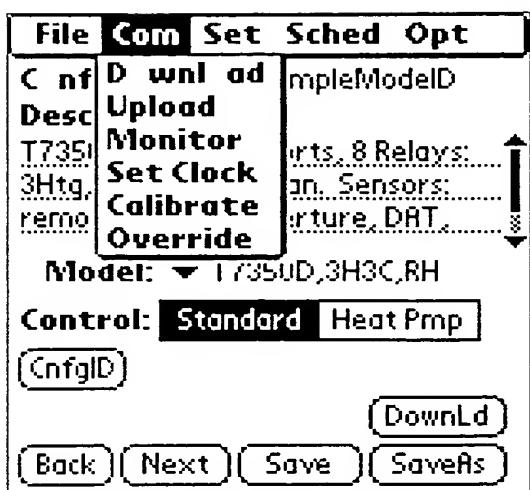


Figure 14s

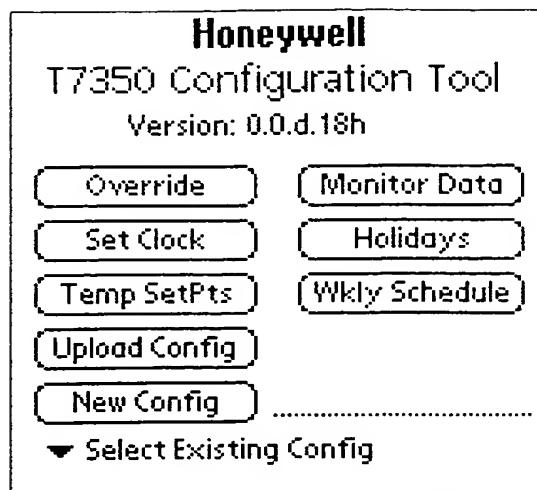


Figure 14t

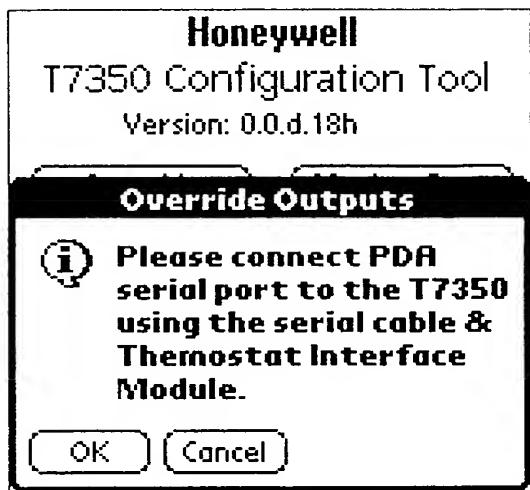


Figure 14u

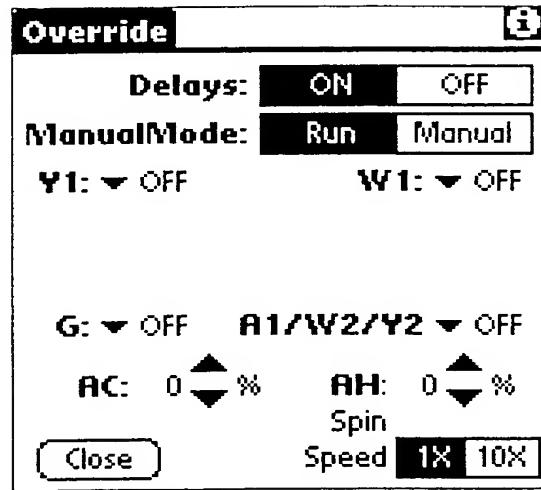


Figure 14v

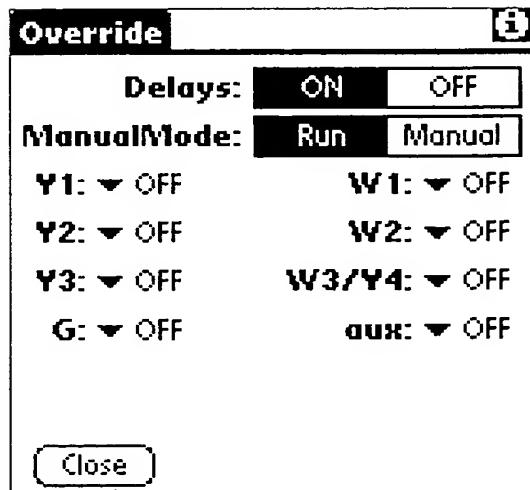


Figure 14w

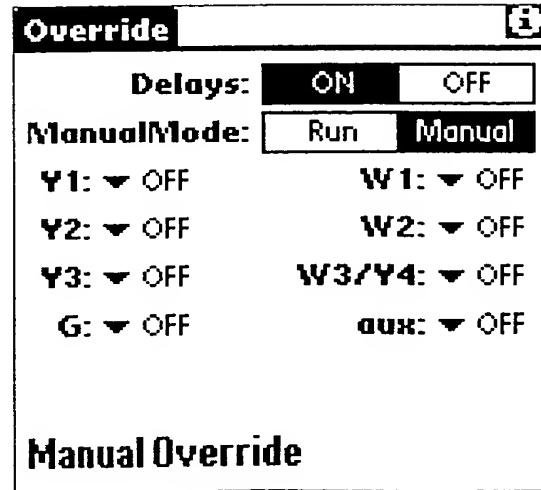


Figure 14x

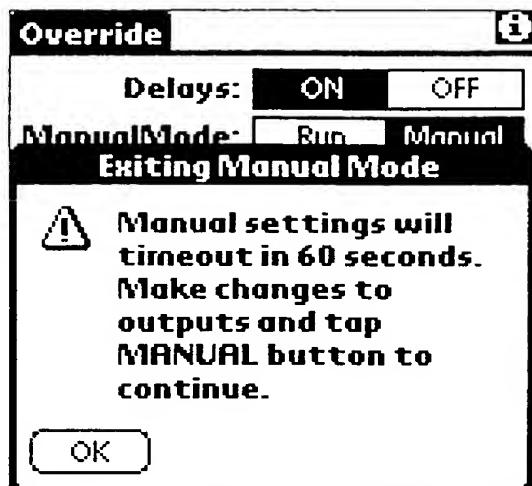


Figure 14y

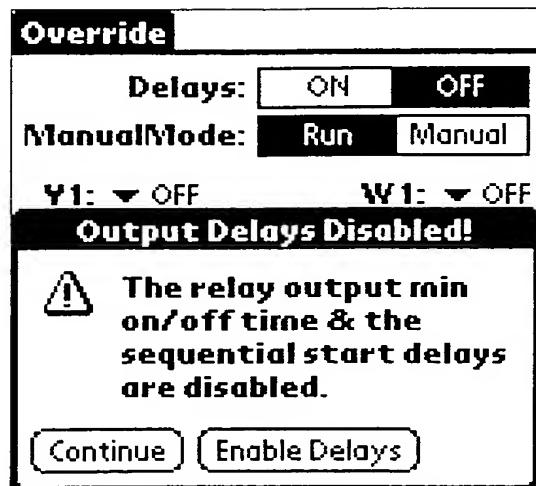


Figure 14z

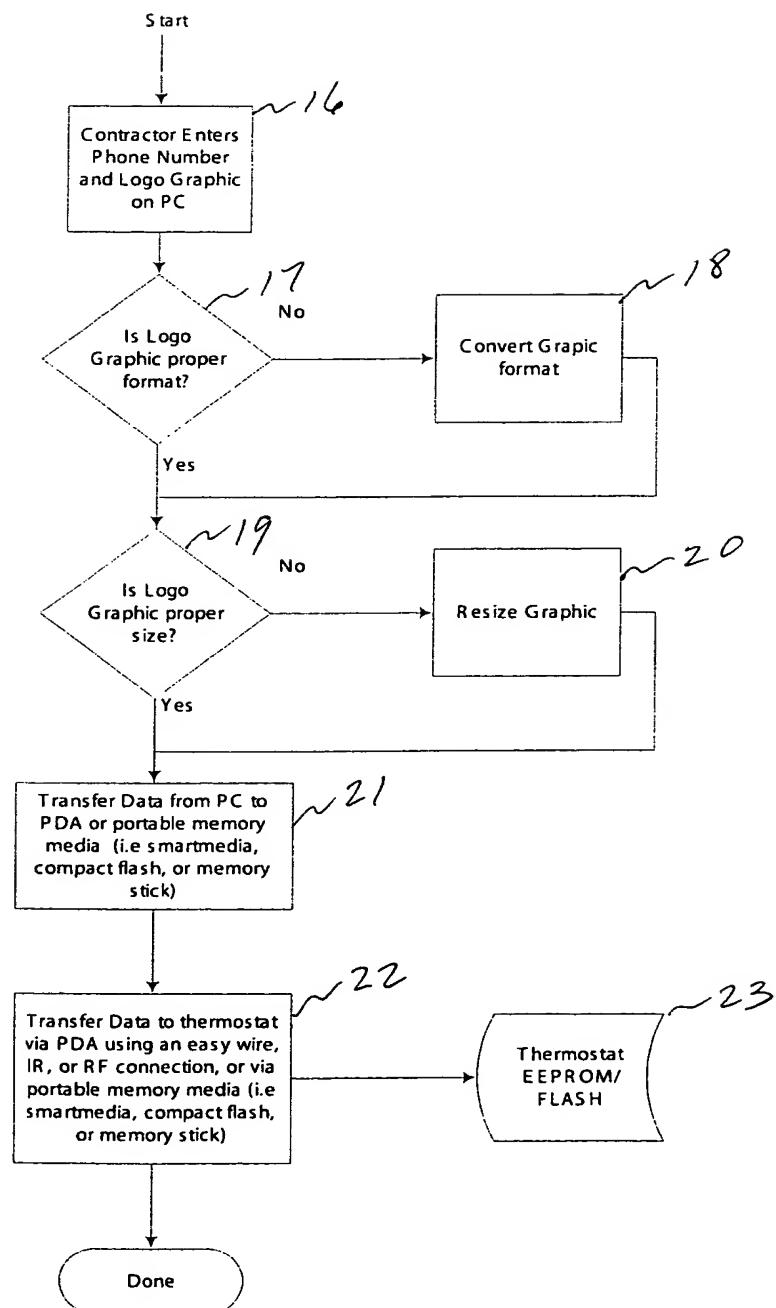


FIGURE 15

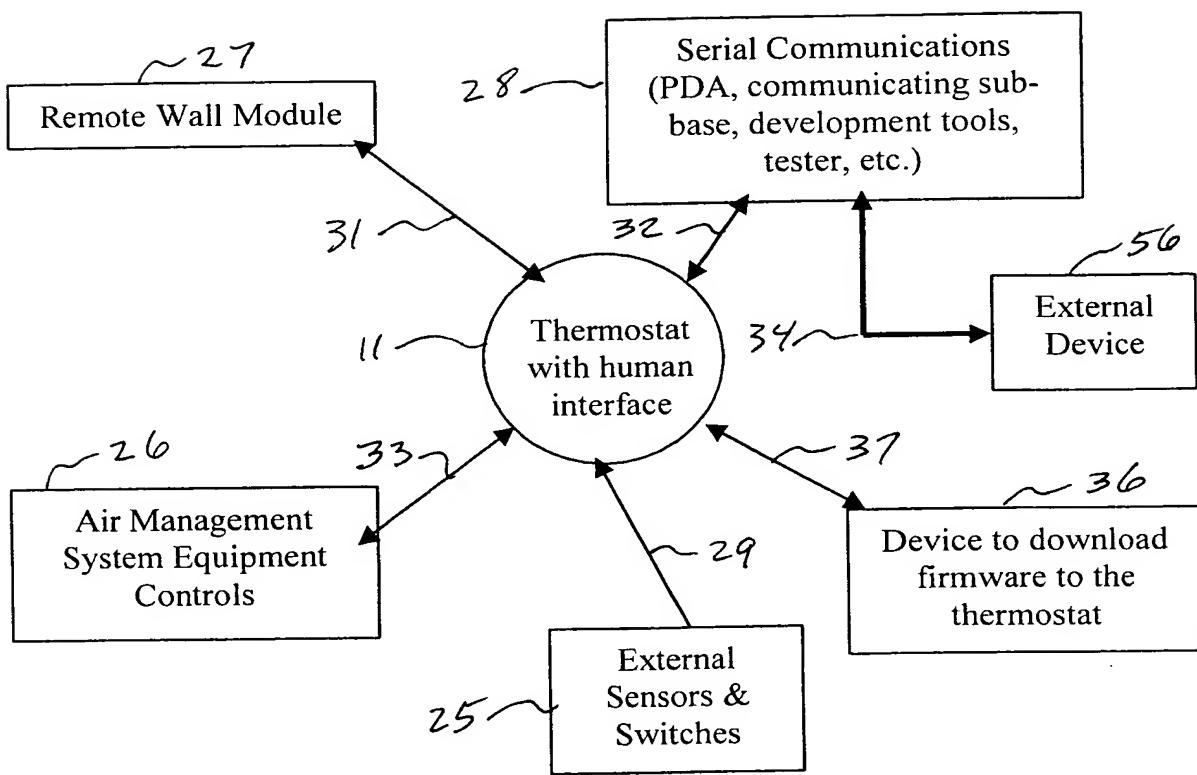


FIGURE 16

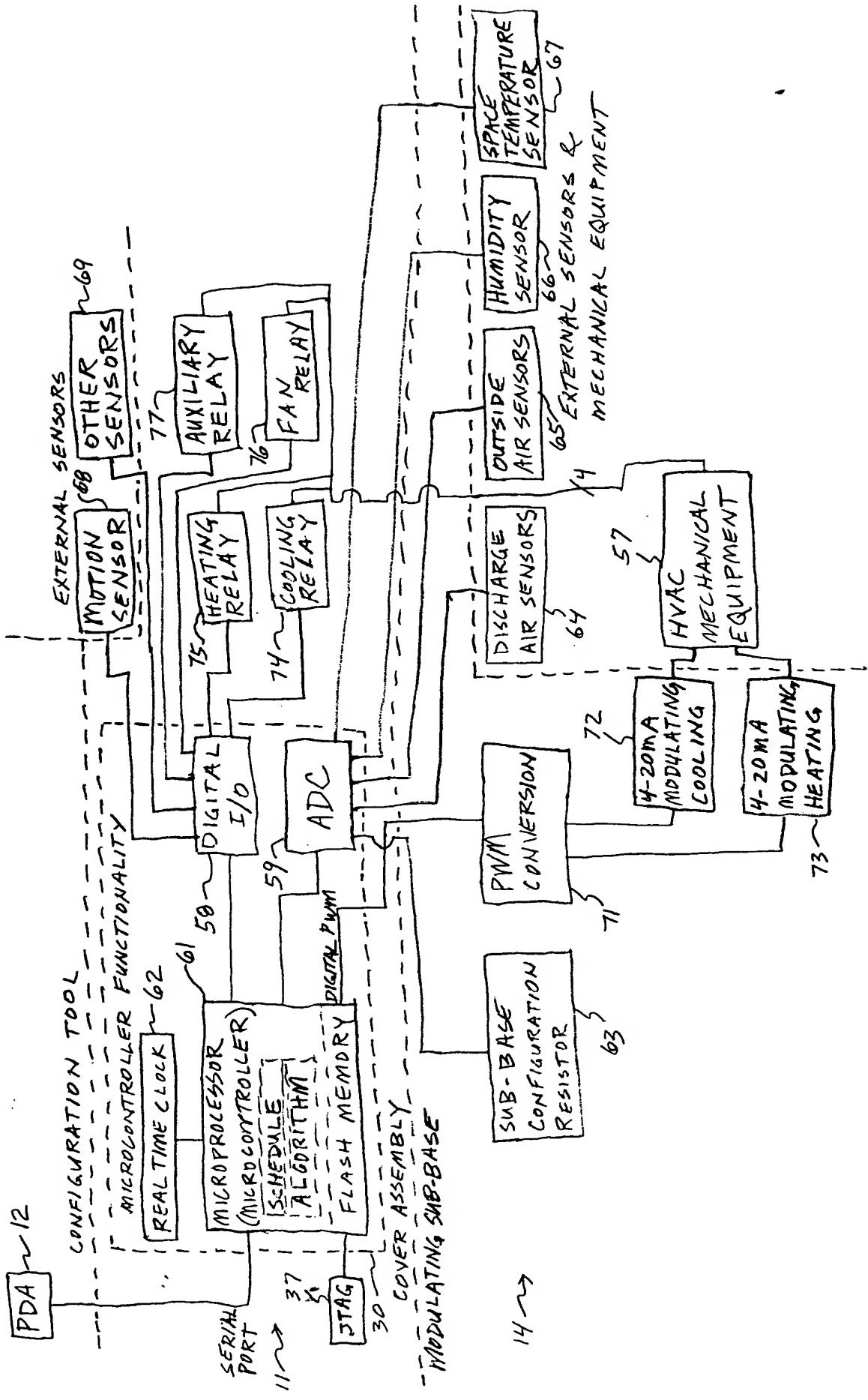


FIGURE 17

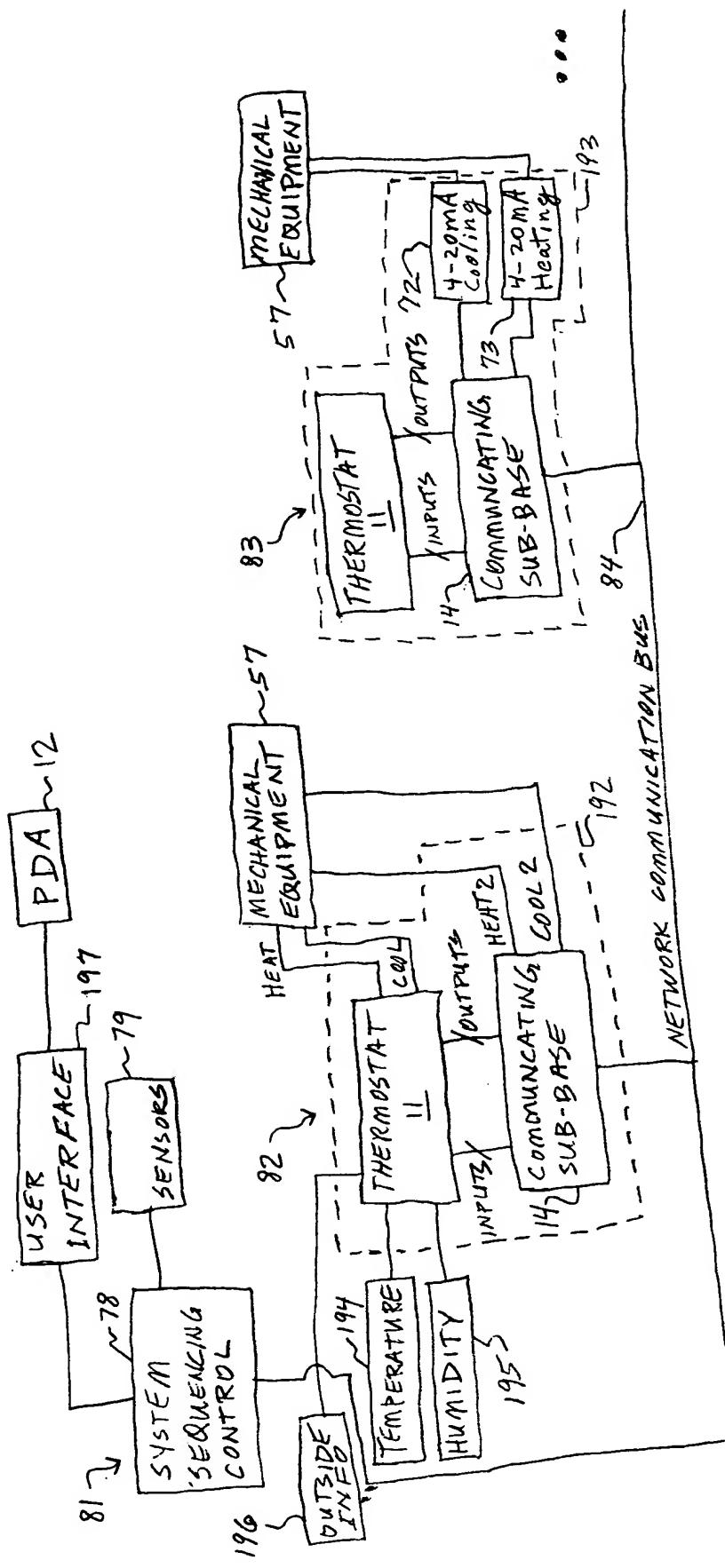


Figure 18

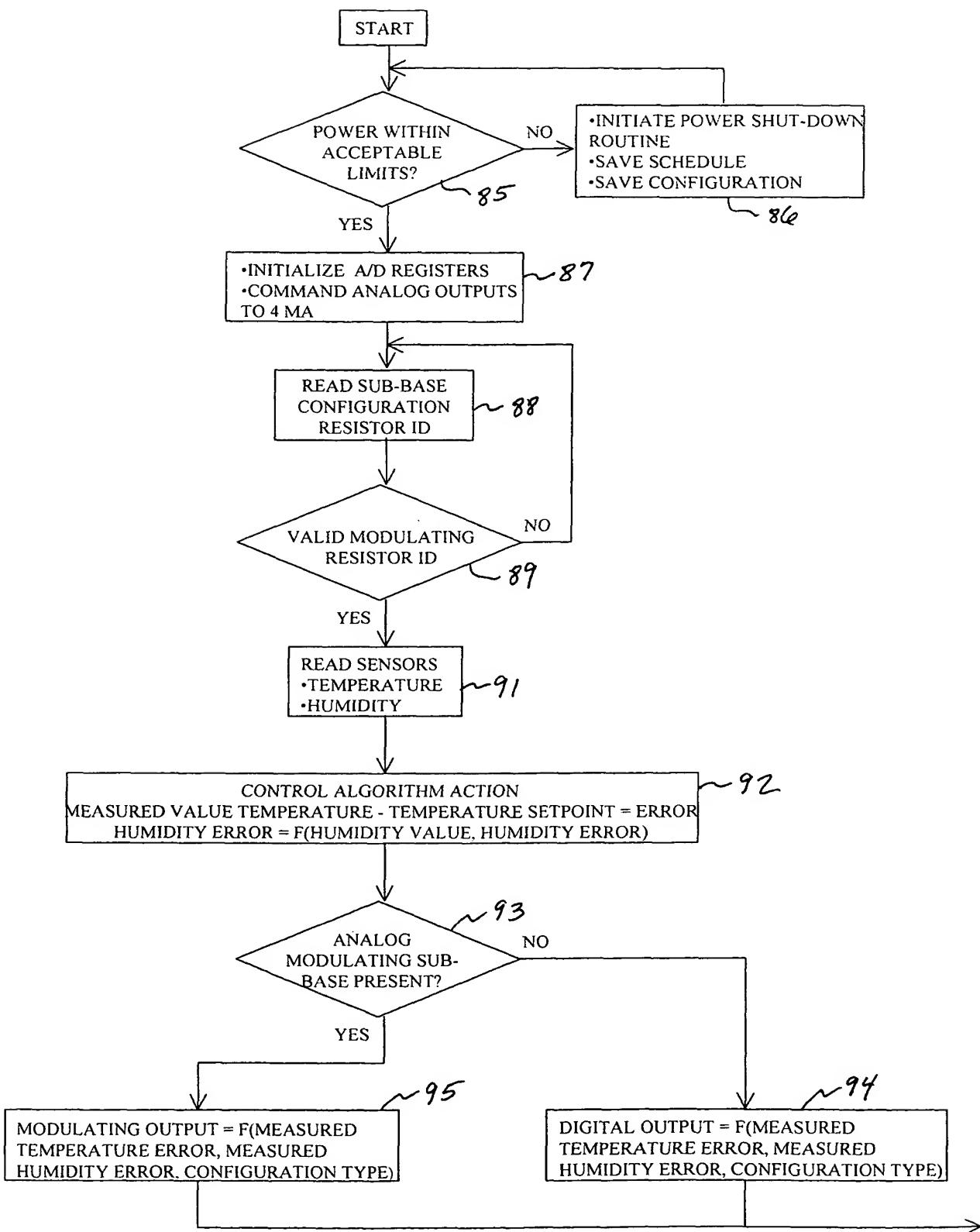


FIGURE 19

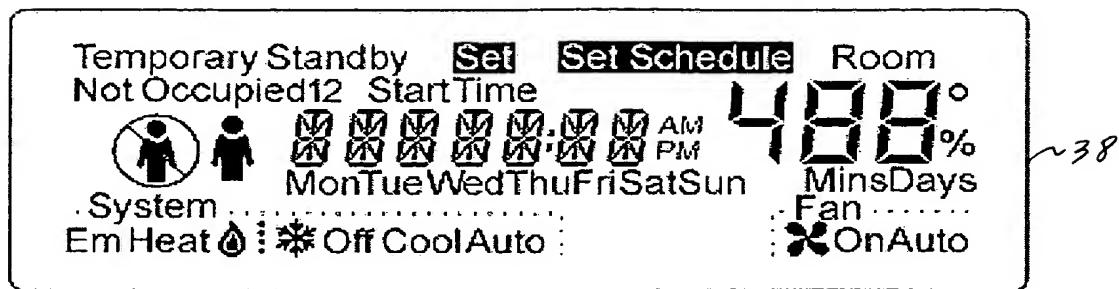


FIGURE 20a

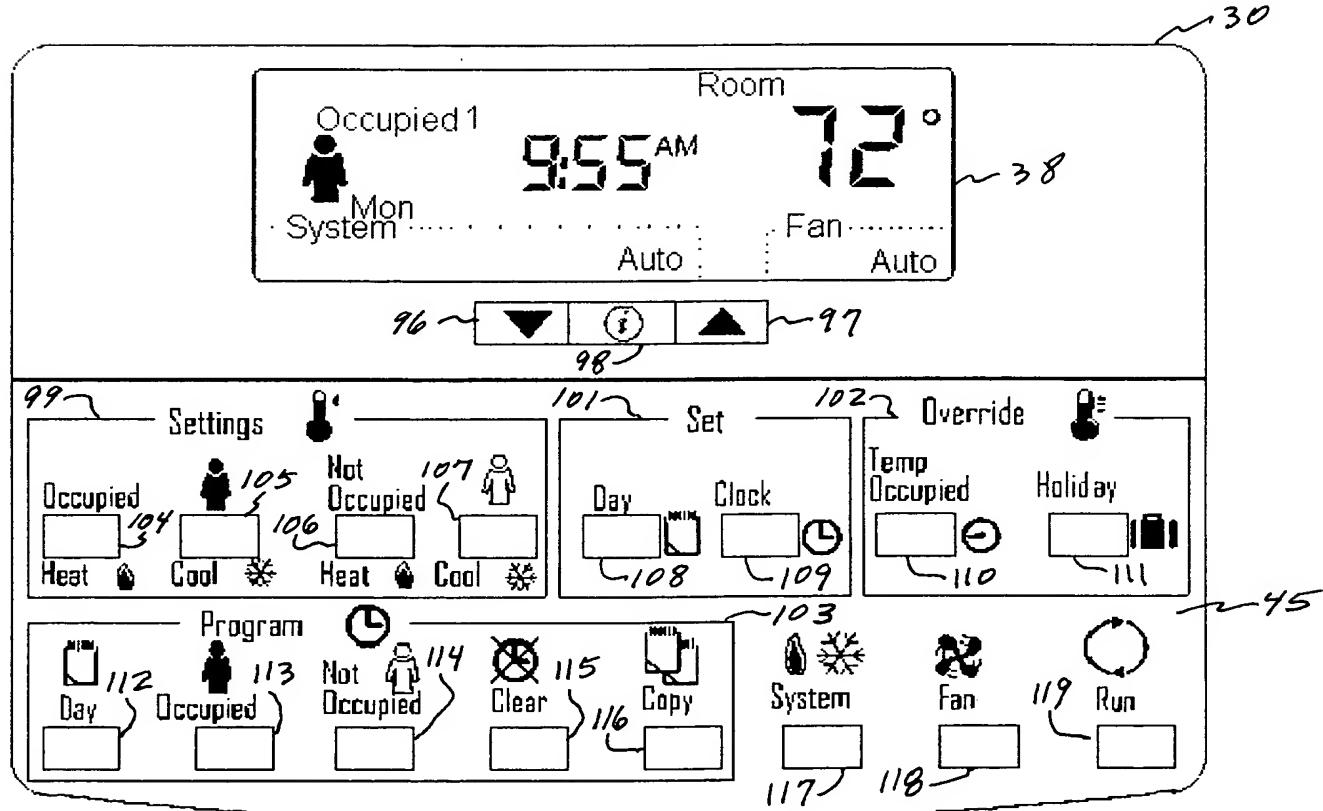


FIGURE 20b

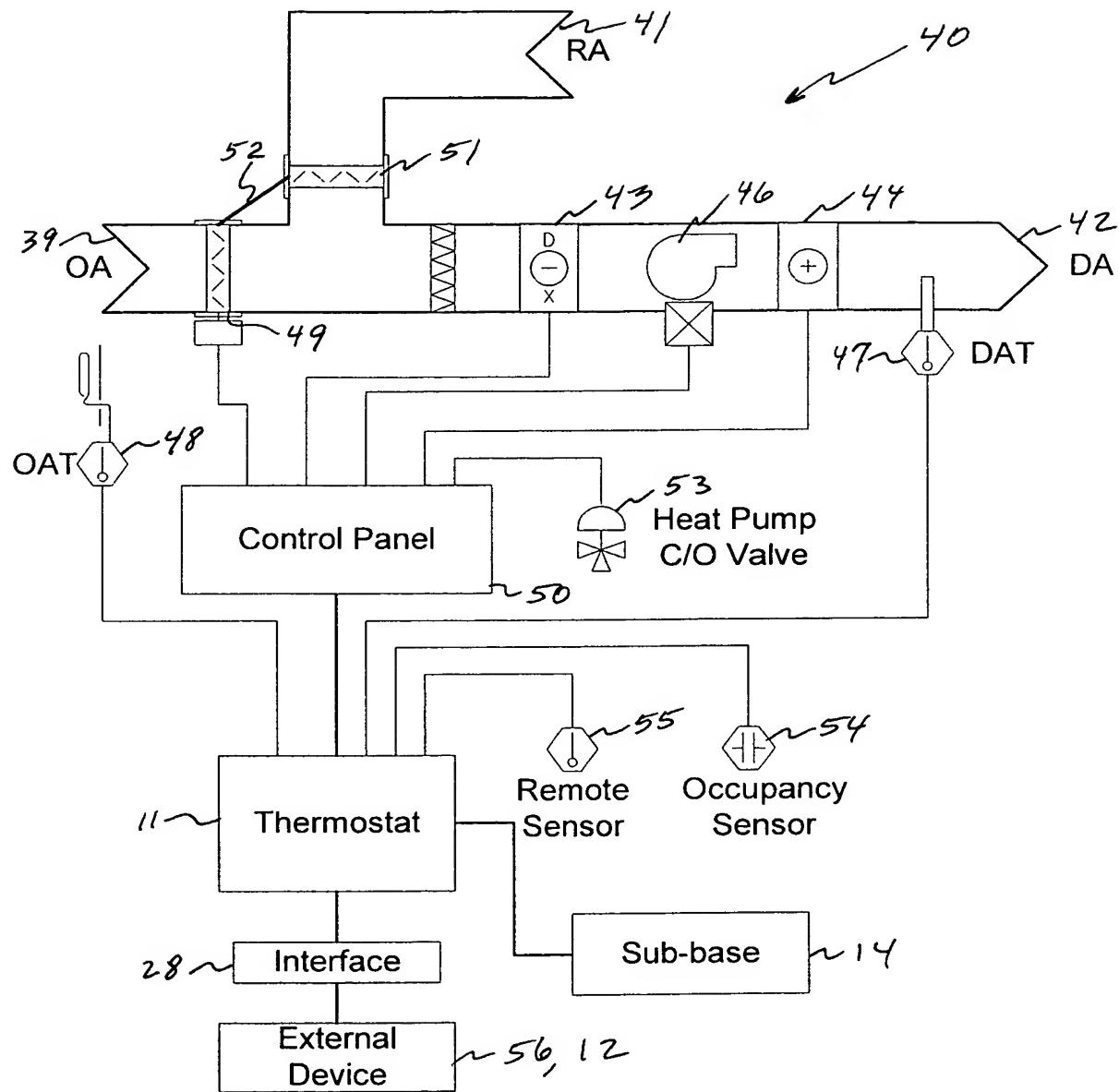
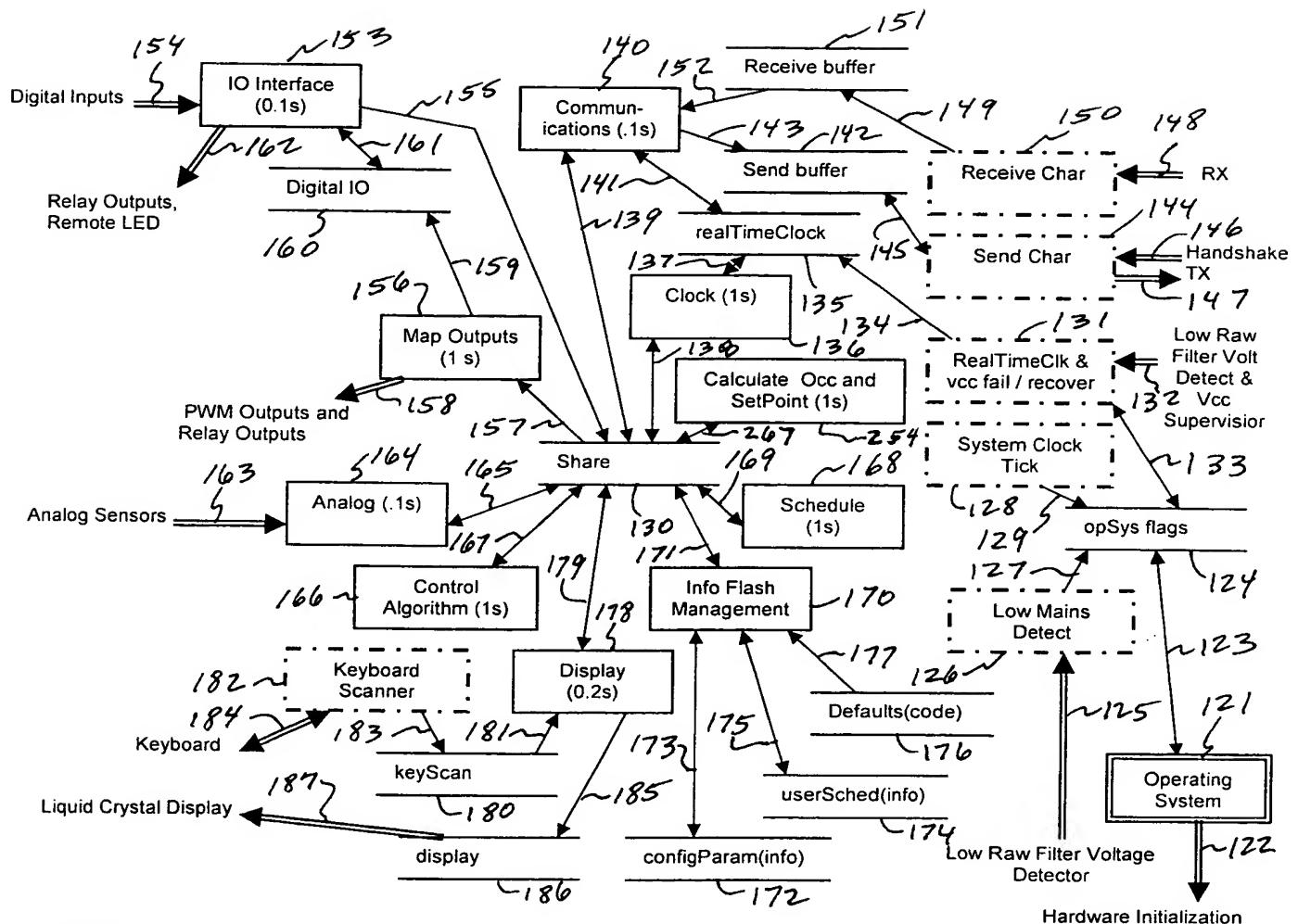


Figure 21



KEY:

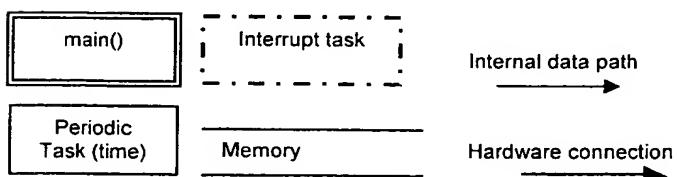


FIGURE 22

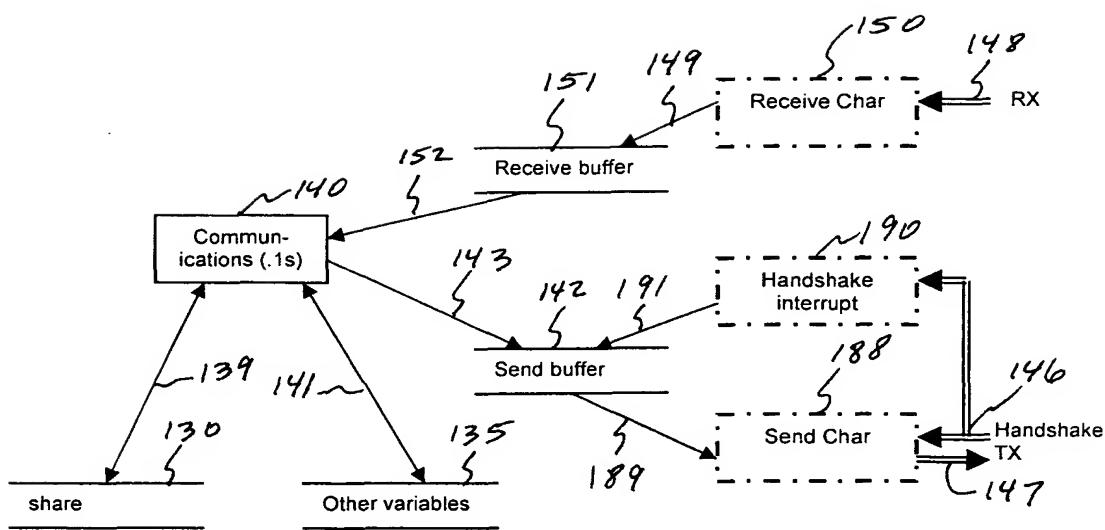


FIGURE 23

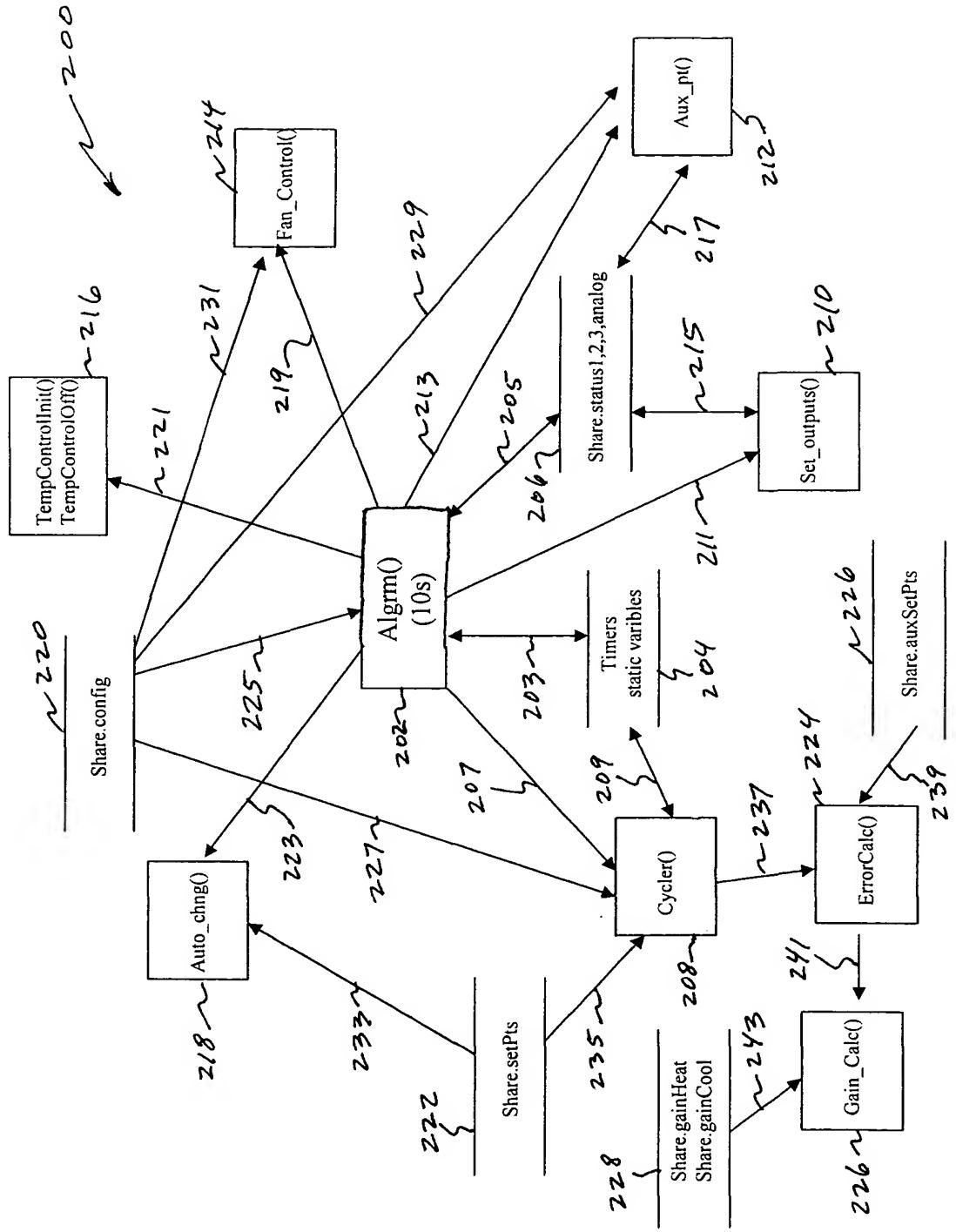


FIGURE 24

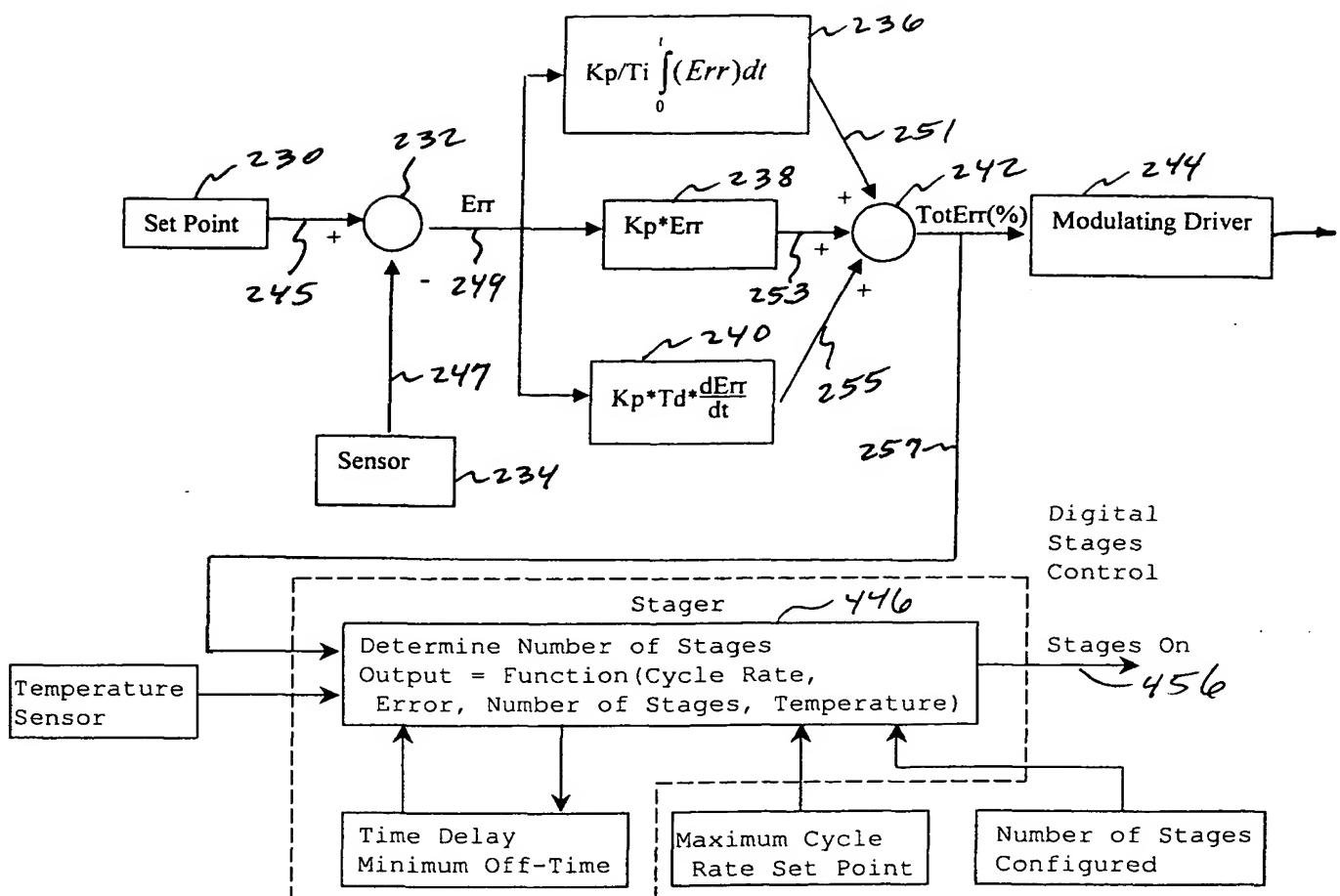


FIGURE 25

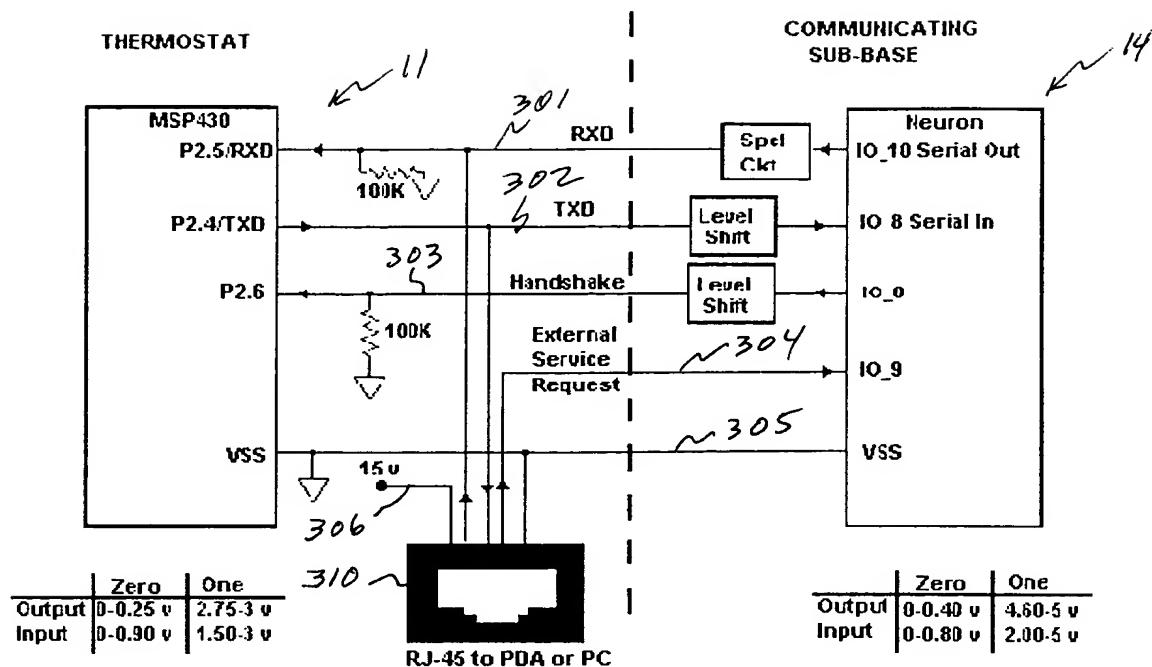


FIGURE 26

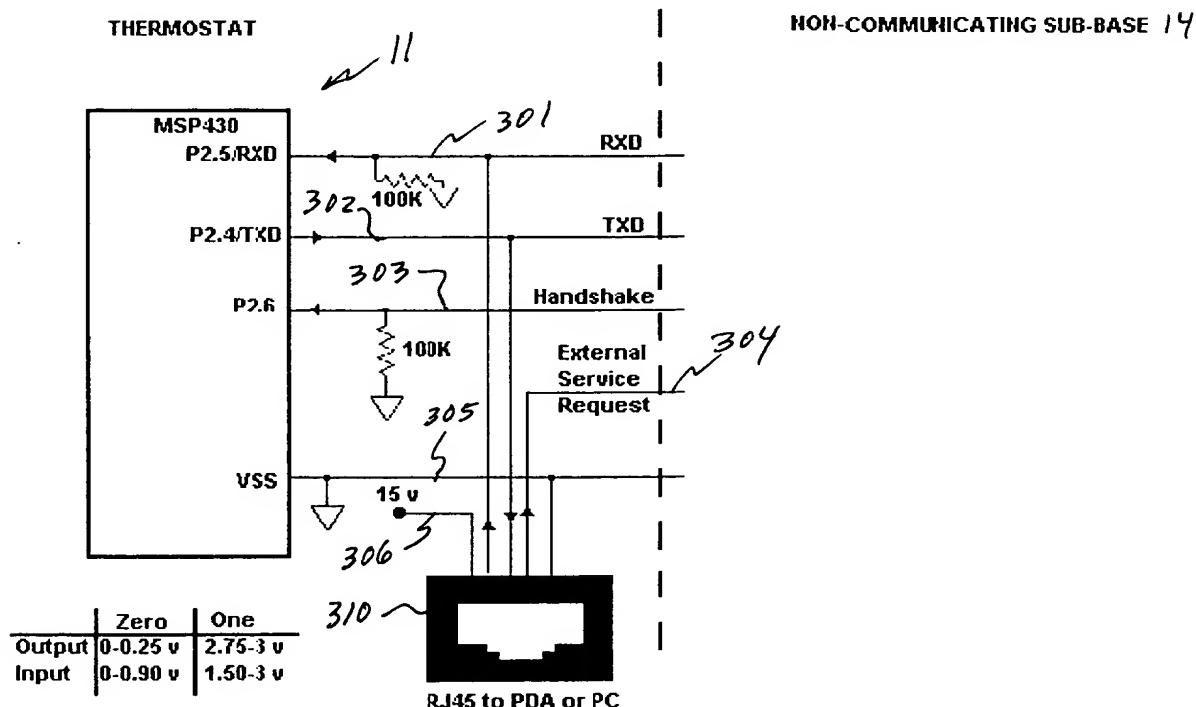


FIGURE 27

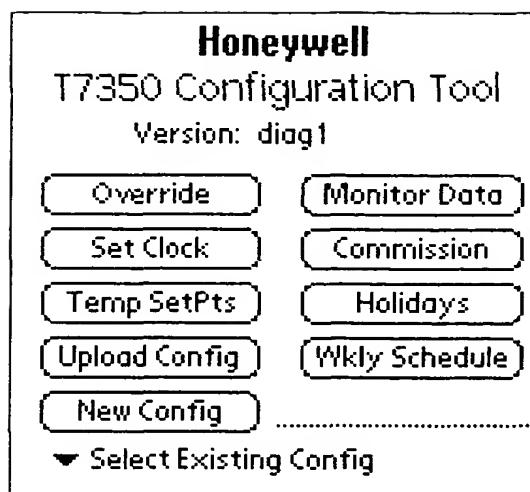


FIGURE 28 a

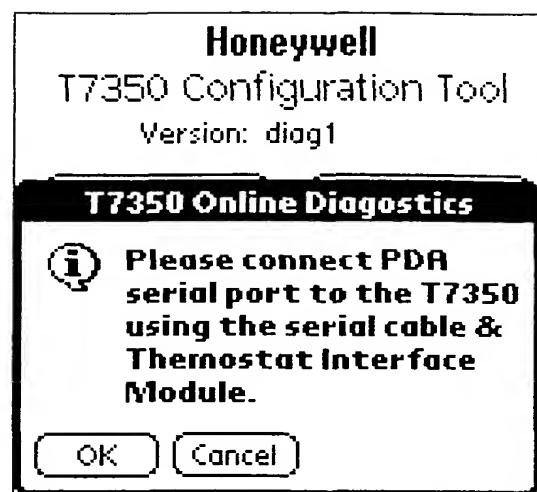


FIGURE 28 b

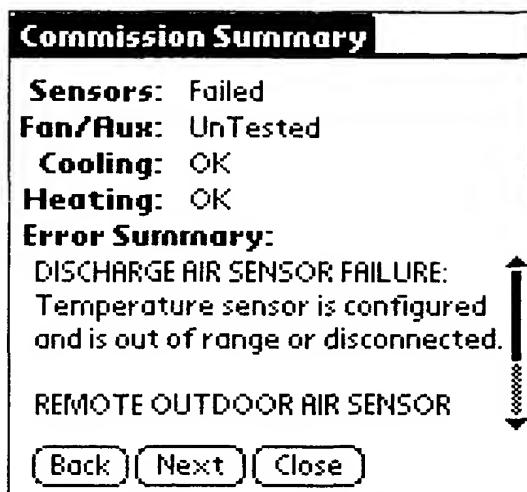


FIGURE 28 c

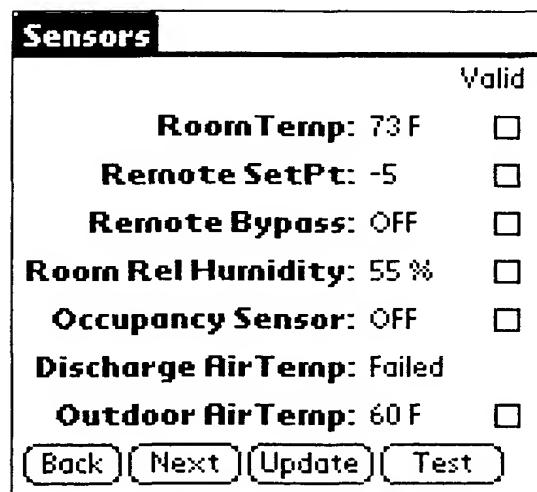


FIGURE 29 a

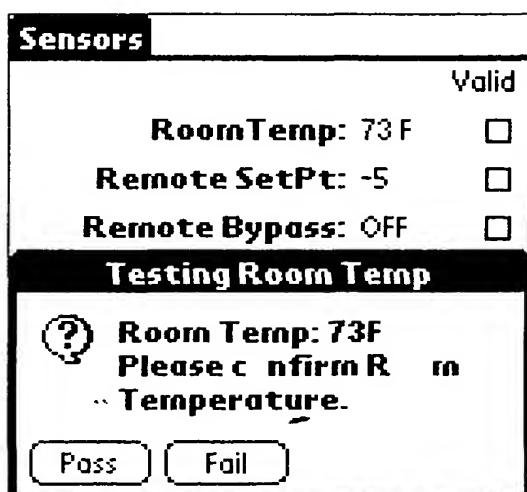


FIGURE 29 b

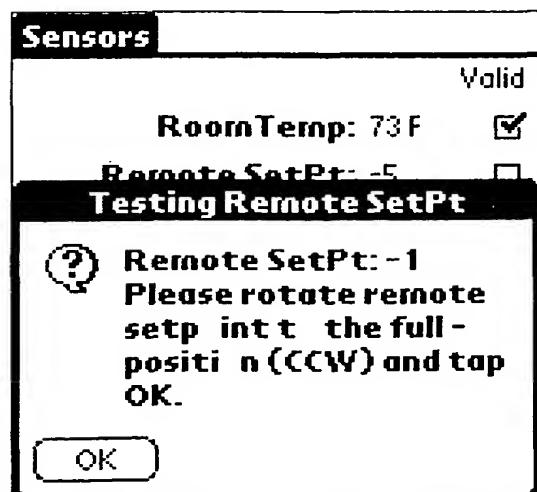


FIGURE 29 c

Sensors

Valid

RoomTemp: 73 F

Testing Remote SetPt

? Full - setting validated.
Remote SetPt: -5
Please rotate remote setpoint to the full + position (CW) and tap OK.

OK

FIGURE 29d

Sensors

Valid

RoomTemp: 73 F

Remote SetPt: -5

Testing Remote SetPt

! Full + setting validated.
Remote SetPt: +5
Setpoint test sequence completed.

OK

FIGURE 29e

Sensors

Valid

RoomTemp: 73 F

Remote SetPt: -5

Remote Bypass: OFF

Room Rel Humidity: 55 %

Occupancy Sensor: OFF

Discharge Air Temp: Failed

Outdoor Air Temp: 60 F

Back **Next** **Update** **Test**

FIGURE 29f

Fan/Auxiliary Equipment

ManualMode: OFF Valid

Fan - G: OFF

TimeOfDay - R1: OFF

Back **Next** **Update** **Test**

FIGURE 30

Cooling Equipment

ManualMode: OFF

Fan Status: OFF Valid

Clg Stage1 - Y1: OFF

Clg Stage2 - Y2: OFF

Clg Stage3 - Y3: OFF

Back **Next** **Update** **Test**

FIGURE 31a

Cooling Equipment

ManualMode: OFF

Fan Status: OFF Valid

Clg Stage1 - Y1: OFF

Testing Cooling Operation

? **Fan Status: OFF**

Please confirm it is safe to start the Fan.

Yes **No**

FIGURE 31b

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Clg Stage1 - Y1: OFF	<input type="checkbox"/>

Testing Cooling Operation

?

Fan Status: ON

Please confirm Fan operation.

Pass **Fail**

FIGURE 31c

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid

Testing Cooling Stages

?

Fan Status: ON

of Stages: 0

Please confirm it is safe to start Cooling Stages.

Yes **No**

FIGURE 31d

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Clg Stage1 - Y1: OFF	<input type="checkbox"/>
Clg Stage2 - Y2: OFF	<input type="checkbox"/>

Testing Cooling Stages

of Stages: 1

DischargeAirT: 78F

CoilDeltaT: 0F

Progress: ||.....

Cancel

FIGURE 31e

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Clg Stage1 - Y1: OFF	<input type="checkbox"/>
Clg Stage2 - Y2: OFF	<input type="checkbox"/>

Testing Cooling Stages

of Stages: 1

DischargeAirT: 73F

CoilDeltaT: 5F

Progress: ||||.....

Cancel

FIGURE 31f

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Clg Stage1 - Y1: OFF	<input type="checkbox"/>
Clg Stage2 - Y2: OFF	<input type="checkbox"/>

Testing Cooling Stages

Validated Stage 1

Cooling Operation

Progress: ||||||.....

Cancel

FIGURE 31g

Cooling Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Clg Stage1 - Y1: OFF	<input checked="" type="checkbox"/>
Clg Stage2 - Y2: OFF	<input checked="" type="checkbox"/>
Clg Stage3 - Y3: OFF	<input checked="" type="checkbox"/>

Back **Next** **Update** **Test**

FIGURE 31h

Heating Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Htg Stage1 - W1: OFF	<input type="checkbox"/>

Back **Next** **Update** **Test**

FIGURE 32a

Heating Equipment

ManualMode: OFF	
Fan Status: OFF	Valid

Testing Heating Operation

?

Fan Status: OFF

Please confirm Fan air flow is required for stage 1 heating.

Yes **No**

FIGURE 32b

Heating Equipment

ManualMode: OFF	
Fan Status: OFF	Valid

Testing Heating Stages

?

Htg Stage 1: OFF

Please confirm it is safe to activate Heating Stage contact.

Yes **No**

FIGURE 32c

Heating Equipment

ManualMode: OFF	
-----------------	--

Testing Heating Stages

?

Htg Stage 1: ON

Please confirm Heating Stage 1 operation. For example, room baseboard heat is activated.

Pass **Fail**

FIGURE 32d

Heating Equipment

ManualMode: OFF	
Fan Status: OFF	Valid
Htg Stage1 - W1: OFF	<input checked="" type="checkbox"/>

Back **Next** **Update** **Test**

FIGURE 32e

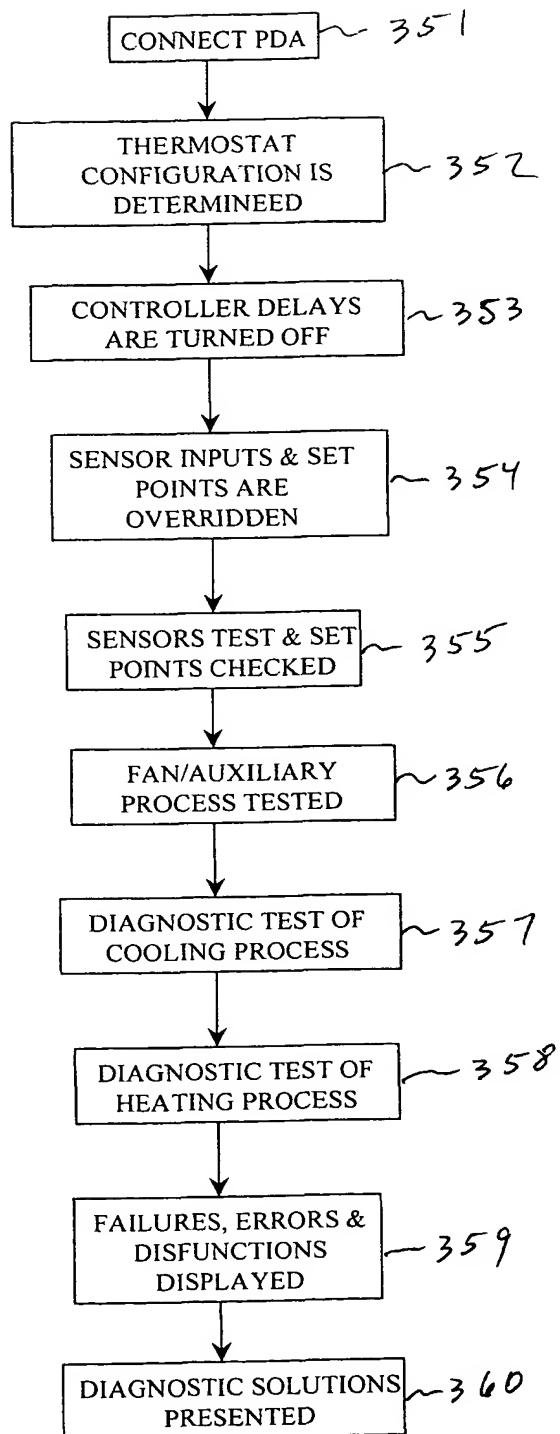


FIGURE 33